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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/506,985	04/25/2005	Annette Steudel	29610/CDT414	8932
<div>4743      7590      08/05/2010 MARSHALL, GERSTEIN &amp; BORUN LLP 233 SOUTH WACKER DRIVE 6300 WILLIS TOWER CHICAGO, IL 60606-6357</div>				
EXAMINER				
CHOI, LING SIU				
ART UNIT		PAPER NUMBER		
1796				
MAIL DATE		DELIVERY MODE		
08/05/2010		PAPER		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**Supplemental  
Notice of Allowability**

**Application No.**

10/506,985

**Examiner**

Ling-Siu Choi

**Applicant(s)**

STEUDEL ET AL.

**Art Unit**

1796

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to \_\_\_\_.
2. ☐ The allowed claim(s) is/are \_\_\_\_.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br/>Paper No./Mail Date ____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br/>of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application</li> <li>6. <input type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date ____</li> <li>7. <input type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other ____.</li> </ol> |
|--|---|

/Ling-Siu Choi/  
Primary Examiner, Art Unit 1796

### DETAILED ACTION

1. This office action is in response to the telephone interview with Mr. Andrew M. Lawrence on July 2010 to clarify the reason for allowance.

#### *Allowable Subject Matter*

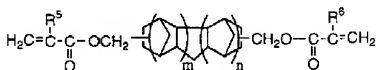
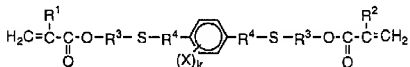
4. Claims 1-17, 19-29, 32-33, and 36-38 are allowed.
5. The following is an examiner's statement of reasons for allowance:
- The present claims are allowable over the closest references: Tanamura et al. (JP 10-144469).

#### Summary of Claim 1:

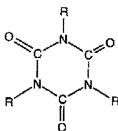
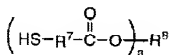
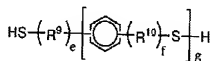
A composition comprising <b>a mixture of</b>	
	at least one monomer with the formula: $A-(X)_n$ (1)
	at least one monomer with the formula: $B-(Y)_m$ (2)
where monomers of formula (1) are polymerisable with monomers of formula (2)	
n & m	integers greater than or equal to 2 such that n and m may be the same or different
X	a group containing a <b>terminal thiol</b>
Y	a group containing a reactive <b>unsaturated carbon-carbon bond</b>
	each X may be the same or different, each Y may be the same or different
A & B	molecular fragments

	such that <b>at least one of A or B is an organic charge-transporting or organic light-emitting fragment</b>
<u>the mixture further comprising at least one of an emissive dopant and a charge transporting dopant</u>	

Tanamura et al. disclose a **composition comprising an organic luminescent layer and a substrate** for the organic electroluminescence device, the composition comprising a monomer containing polyfunctional acrylate in the formula of



and a monomer containing polymercapto group in the formula of



wherein R = SH (claims 1-3; [0013], [0035]-[0040]). Tanamura et al. further disclose that the photopolymerization is carried out in the presence of an ultraviolet ray absorbent which reads on the initiator ([0045]). However, Tanamura et al. do not teach or fairly suggest the claimed composition, wherein the composition comprises, in particular, a mixture of at least one monomer (1), at least one monomer (2), and at least one of an emissive dopant and a charge transporting dopant.

In light of the above discussion, it is evident as to why the present claims are patentable over the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ling-Siu Choi whose telephone number is 571-272-1098. The examiner can normally be reached on Monday to Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wu can be reached on 571-272-1114. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Application/Control Number: 10/506,985  
Art Unit: 1796

Page 5

/Ling-Siu Choi/

Primary Examiner, Art Unit 1796

August 3, 2010